

## ***PSEUDOCADISCUS LISOWSKI SUNK IN STENOPS* B. NORD. (COMPOSITAE-SENECIONEAE)**

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In 1987 Lisowski described a new monotypic genus from Zaïre. He named it *Pseudocadiscus*, because of its partial resemblance to the South African aquatic genus *Cadiscus* of the Senecioneae. However, Lisowski referred his new genus to the tribe Anthemideae and considered it related to *Chrysanthemum*, obviously misled by the white ray-florets.

However, *Pseudocadiscus zairensis* is clearly closely related to *Stenops helodes* B. Nord. from Tanzania and Zambia (Nordenstam 1978: 73 ff.). Characters in common include the uniseriate connate involucre, the conical naked receptacle, the white rays and yellow disc, the conspicuous basal swelling of the filament collar, the ecaudate anthers with radial endothecium, the shortly bilobed disc styles with truncate tips, the epappose 5-veined cypselas, and the homomorphic rectangular ovary wall crystals. Besides, both are glabrous annual herbs of wet habitats, and with stems rooting at nodes (cf. Fig. 1).

Quite clearly, *Pseudocadiscus* is congeneric with *Stenops* and has to be sunk. The two species involved seem to be rather closely allied, but sufficiently different to be upheld. The necessary new combination is given below.

***Stenops zairensis* (Lisowski) B. Nord., comb. nov.**

Basionym: *Pseudocadiscus zairensis* Lisowski, Bull. Jard. Bot. Nation. Belg. 57 (3/4): 468 (1987). - Type: Lisowski 84604 (POZG holo., BR iso.!)

Differences from *S. helodes* B. Nord. are the floating aquatic habit, the parallel-veined leaves, and the winged cypselas. In *S. zairensis* the number of ray-florets is usually c. 13, in *S. helodes* around 8.

### References

- Lisowski, S. 1987. *Pseudocadiscus* Lisowski (Asteraceae), genre monotypique nouveau du Zaïre. *Bull. Jard. Bot. Nation. Belg.* 57 (3/4): 467—469.
- Nordenstam, B. 1978. Taxonomic Studies in the Tribe Senecioneae (Compositae). *Opera Bot.* 44, 83 pp.

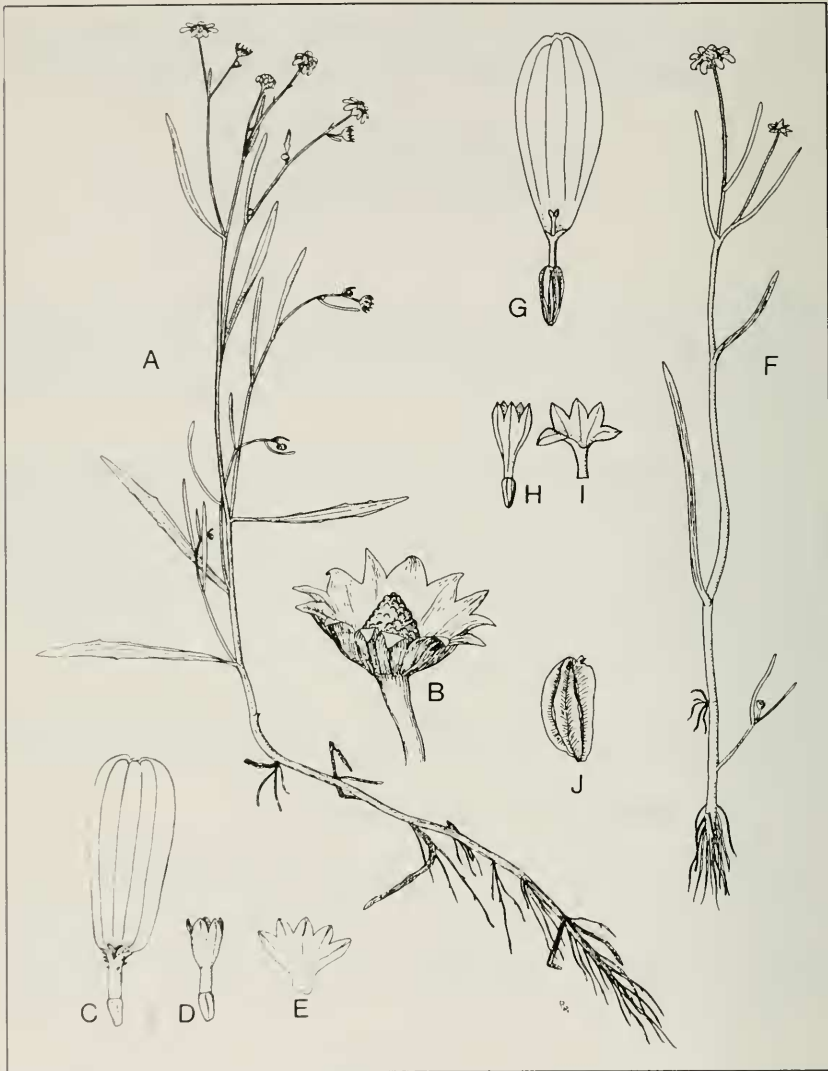


Fig. 1. *Stenops helodes* B. Nord. (A—E) and *S. zairensis* (Lisowski) B. Nord. (F—J). A, F: Habit, x 0.4. B: Involucre and receptacle, x 5. C, G: Ray-floret, x 5. D, H: Disc-floret, x 5. E, I: Corolla of disc-floret, laid out, x 5. J: Winged cypsela, x 5. (A: Richards 16354 in K; B—E: Sanane 241 in K; F: de Witte 6350 in BR; G—J: Lisowski 84604 in BR, isotypus). - Del auct.